includes ribs at distal ends of its upper flange and lower flange, respectively. The ribs of the inner rocker panel are joined to the ribs of the outer rocker panel, which results in a rocker having a rectangular tube shape. Similarly, the second channel-shaped plate **20***a* comprises a rib **26** that extends upward from a distal end of the second upper flange **22** and a rib **27** that extends downward from a distal end of the second lower flange **23**. The first and second channel-shaped plates having the shapes shown in FIG. **9** can also realize the structure **2** according to the embodiment.

[0036] While specific examples of the present disclosure have been described above in detail, these examples are merely illustrative and place no limitation on the scope of the patent claims. The technology described in the patent claims also encompasses various changes and modifications to the specific examples described above. The technical elements explained in the present description or drawings provide technical utility either independently or through various combinations. The present disclosure is not limited to the combinations described at the time the claims are filed. Further, the purpose of the examples illustrated by the present description or drawings is to satisfy multiple objectives simultaneously, and satisfying any one of those objectives gives technical utility to the present disclosure.

What is claimed is:

1. A structure of joined channel-shaped plates, the structure comprising:

a first channel-shaped plate including an elongated first main plate, a first upper flange, and a first lower flange, the first upper flange and the first lower flange provided respectively at both edges of the first main plate and facing each other;

a second channel-shaped plate including an elongated second main plate, a second upper flange, and a second lower flange, the second upper flange and the second lower flange provided respectively at both edges of the second main plate and facing each other; and

a reinforcement plate,

wherein

the first channel-shaped plate includes a first extension at an end thereof, the first extension extending from the first lower flange and a lower part of the first main plate, and extending in a longitudinal direction of the first main plate,

the second channel-shaped plate includes a second extension at an end thereof, the second extension extending from the second upper flange and an upper part of the second main plate, and extending in a longitudinal direction of the second main plate,

the end of the first channel-shaped plate and the end of the second channel-shaped plate are assembled and joined such that the first extension is located outside the second channel-shaped plate and the second extension is located outside the first channel-shaped plate, and

the reinforcement plate is joined to both of the first main plate and the second main plate.

2. The structure of claim **1**, wherein the reinforcement plate covers a hole surrounded by the first extension and the second extension.

3. The structure of claim **1**, wherein the reinforcement plate is welded to the second extension.

4. The structure of claim **1**, wherein

the reinforcement plate has a channel shape including a middle plate, an upper flange, and a lower flange, and

the upper flange and the lower flange are provided respectively at both edges of the middle plate.

5. The structure of claim **1**, wherein

the first channel-shaped plate is a first member extending along a front-rear direction of a vehicle, and

the second channel-shaped plate is a second member joined to a rear end of the first member.

6. The structure of claim **5**, wherein

the first member is a rocker of the vehicle, and

the second member is a rear side member joined to a rear end of the rocker.

* * * * *